
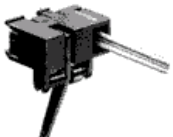
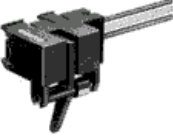
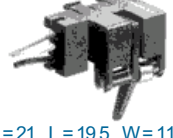



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## Aleph Actuator Type Opto Sensors

[Download the 2010 Aleph Photosensors Data Book \(12 MB PDF\)](#)

Part Number	Output Type	Style (mm)	Features	Actuator Operation	
				Type	Operating Force
OS139A	-		<ul style="list-style-type: none"> <li>Snap-in mounting type</li> <li>Uses 3-pin connector terminal</li> <li>Detector side is of visible light cut-off type</li> </ul>	-	14.7X10 <sup>-3</sup> N*cm
OS-201A	-		<ul style="list-style-type: none"> <li>Compact</li> <li>PCB direct mounting type (with a locating boss)</li> <li>Operating torque is small</li> </ul>	-	9.8X10 <sup>-3</sup> N*cm
OS-231A	-			-	-
<a href="#">OS-251A-30N8</a>	-			-	-
OS-311A-N2	-		<ul style="list-style-type: none"> <li>3 mounting plate thicknesses (0.8, 1.0 and 1.2 mm)</li> <li>Direction of wire/connector: Right</li> <li>U-type bearing shape</li> <li>Phototransistor output</li> </ul>	-	6.9X10 <sup>-3</sup> N*cm ±5.0X10 <sup>-3</sup> N*cm
OS-311A-30	-		<ul style="list-style-type: none"> <li>3 mounting plate thicknesses (0.8, 1.0 and 1.2 mm)</li> <li>Direction of wire/connector: Right</li> <li>U-type bearing shape</li> <li>Phototransistor output</li> </ul>	-	6.9X10 <sup>-3</sup> N*cm ±5.0X10 <sup>-3</sup> N*cm
OS-315A	-			-	-
OS-321A-N2	-		<ul style="list-style-type: none"> <li>3 mounting plate thicknesses (0.8, 1.0 and 1.2 mm)</li> <li>Direction of wire/connector: Left</li> <li>U-type bearing shape</li> <li>Phototransistor output</li> </ul>	-	6.9X10 <sup>-3</sup> N*cm ±5.0X10 <sup>-3</sup> N*cm
OS-321A-30	-		<ul style="list-style-type: none"> <li>3 mounting plate thicknesses (0.8, 1.0 and 1.2 mm)</li> <li>Direction of wire/connector: Left</li> <li>U-type bearing shape</li> <li>Phototransistor output</li> </ul>	-	6.9X10 <sup>-3</sup> N*cm ±5.0X10 <sup>-3</sup> N*cm
OS-325A	-			-	-
OS-511A-N2	-		<ul style="list-style-type: none"> <li>Snap-in mounting type</li> <li>Direction of wire/connector: Right</li> <li>U-type bearing shape</li> <li>Phototransistor output</li> </ul>	-	6.9X10 <sup>-3</sup> N*cm ±5.0X10 <sup>-3</sup> N*cm
OS-511A-30	-		<ul style="list-style-type: none"> <li>Snap-in mounting type</li> <li>Direction of wire/connector: Right</li> <li>U-type bearing shape</li> <li>Phototransistor output</li> </ul>	-	6.9X10 <sup>-3</sup> N*cm ±5.0X10 <sup>-3</sup> N*cm
OS-515A	-			-	-
OS-521A-N2	-		<ul style="list-style-type: none"> <li>Snap-in mounting type</li> <li>Direction of wire/connector: Left</li> <li>U-type bearing shape</li> <li>Phototransistor output</li> </ul>	-	6.9X10 <sup>-3</sup> N*cm ±5.0X10 <sup>-3</sup> N*cm
OS-521A-30	-		<ul style="list-style-type: none"> <li>Snap-in mounting type</li> <li>Direction of wire/connector: Left</li> <li>U-type bearing shape</li> <li>Phototransistor output</li> </ul>	-	6.9X10 <sup>-3</sup> N*cm ±5.0X10 <sup>-3</sup> N*cm
OS-525A	-			-	-
<a href="#">OS-5302-2</a>	Tr-R				
		H=21 L=19.5 W=11.5			
<a href="#">OS-5202-2</a>	Tr-R			<a href="#">Click to view actuator styles</a>	
		H=21 L=19.5 W=11.5	<ul style="list-style-type: none"> <li>Selectable actuator style</li> <li>5 different termination styles</li> <li>3 different output styles</li> <li>Snap action mount</li> </ul>	Spring loaded	1 ± 0.5g
<a href="#">OS-5102-2</a>	Tr-R				
		H=21 L=19.5 W=11.5			

<a href="#">OS-5002-2</a>	Tr-R	 H=22.5 L=19.5 W=23.3	<ul style="list-style-type: none"> <li>• Snap action mount</li> <li>• Top side actuator</li> <li>• Low actuating force</li> </ul>	Counter weight	0.4g MAX
<a href="#">OS-5802-2</a>	Tr-R	 H=29.5 L=33 W=12	<ul style="list-style-type: none"> <li>• Snap action mount</li> <li>• Top side actuator</li> </ul>	Spring loaded	1.5g MAX
<a href="#">OS-1102</a>	Tr		<ul style="list-style-type: none"> <li>• PCB mount only</li> <li>• Ultra miniature</li> <li>• Low actuating force</li> </ul>	Counter weight	0.4g MAX
<a href="#">OS-1101</a>	IC	 H=23 L=12 W=8			



Aleph is a leading manufacturer of Opto Sensors (interrupter, reflective and actuator type), Magneto Resistive, Inductive, Thermal (reed switch), Magnetic Proximity (reed switch) and Deceleration/Crash type sensors.

Our security products are considered some of the best in the world. We manufacture and distribute Passive Infrared Detectors, Photoelectric Beams and Magnetic Contacts.

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